

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	10/786,642	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 09:54
S2	2914	((701/51,55,56) or (180/338) or (477/107,110,115)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 10:30
S3	451	S2 and (torque with (map or surface))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 10:32
S4	1258	S2 and ((axle or output) near3 (torque or power))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 10:34
S5	369	S3 and S4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 10:35
S7	4221	creep with (threshold or speed or torque)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 10:36
S8	3172	creep with speed	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 10:36

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S9	1504	creep near3 speed	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 10:36
S10	248	S9 and (output near3 torque)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 10:37
S11	36	S4 and (torque near4 surface)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 10:42
S12	11	S4 and (torque near2 surface)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 10:42
S13	178	(701/56).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 10:56
S14	225	(180/338).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/06 07:04
S15	18	("4875391"   "4905545"   "4951200"   "5241476"   "5245893"   "5669580"   "5685801"   "5738605"   "5778331"   "5794170").PN. OR ("6067495"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/06 07:43

## EAST Search History

S16	50	(US-20050187696-\$ or US-20050060076-\$ or US-20050060079-\$ or US-20050151420-\$ or US-20050182556-\$ or US-20050278106-\$ or US-20050283283-\$).did. or (US-6301529-\$ or US-6148691-\$ or US-6152546-\$ or US-5490063-\$ or US-5713425-\$ or US-5839530-\$ or US-6109126-\$ or US-6542806-\$ or US-6862511-\$ or US-6907337-\$ or US-7107141-\$ or US-5253929-\$ or US-5447133-\$ or US-6304531-\$ or US-6445657-\$ or US-5460434-\$ or US-5506770-\$ or US-4790606-\$ or US-4526062-\$ or US-4526061-\$ or US-5403074-\$ or US-5450921-\$ or US-5573476-\$ or US-5772555-\$ or US-5776030-\$ or US-5779594-\$). did. or (US-5792021-\$ or US-6077191-\$ or US-6090011-\$ or US-4245723-\$ or US-4256196-\$ or US-4383703-\$ or US-4400009-\$ or US-4419909-\$ or US-4548079-\$ or US-4550372-\$ or US-4574661-\$ or US-4846316-\$ or US-4854917-\$ or US-4878400-\$ or US-5697466-\$ or US-5775453-\$ or US-5785143-\$). did.	US-PGPUB; USPAT	OR	ON	2007/03/07 10:47
S17	47	180/339	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/06 07:25
S18	245	S14 S15 S16 S17	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/06 07:44
S19	1	S18 and normaliz	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/06 08:24
S20	36	S18 and idle	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/06 08:32
S21	6	S20 and dynamic	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/06 10:34
S22	1	S21 and elevation	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/06 09:58
S23	20	S18 and elevation	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/06 09:58

## EAST Search History

S24	4	S18 and creep and idle	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/06 10:39
S25	569	creep same idle	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/06 10:51
S26	49	S25 and dynamic	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/06 10:51
S28	39	S26 and (torque or transmission)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/06 14:03
S31	18	("4875391"   "4905545"   "4951200"   "5241476"   "5245893"   "5669580"   "5685801"   "5738605"   "5778331"   "5794170").PN. OR ("6067495"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/07 08:57
S32	0	S31 and breakpoint	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/07 08:24
S33	2	S31 and break and point	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/07 08:24
S34	13867	torque and pedal and (elvation or increase) and (max or threshold)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/07 08:58
S35	1044	torque same pedal same (elvation or increase) same (max or threshold)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/07 08:58
S36	74	torque with pedal with (elvation or increase) with (max or threshold)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/07 08:59
S37	8	("5079970"   "5307711"   "5613920"   "5820516"   "6254508"   "6269293").PN. OR ("6547697"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/07 10:24
S39	8	S37 and engine same torque	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/07 10:26
S40	2	S37 and engine same torque same (max or threshold or top)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/07 10:27

## EAST Search History

S41	50	(US-20050187696-\$ or US-20050060076-\$ or US-20050060079-\$ or US-20050151420-\$ or US-20050182556-\$ or US-20050278106-\$ or US-20050283283-\$).did. or (US-6301529-\$ or US-6148691-\$ or US-6152546-\$ or US-5490063-\$ or US-5713425-\$ or US-5839530-\$ or US-6109126-\$ or US-6542806-\$ or US-6862511-\$ or US-6907337-\$ or US-7107141-\$ or US-5253929-\$ or US-5447133-\$ or US-6304531-\$ or US-6445657-\$ or US-5460434-\$ or US-5506770-\$ or US-4790606-\$ or US-4526062-\$ or US-4526061-\$ or US-5403074-\$ or US-5450921-\$ or US-5573476-\$ or US-5772555-\$ or US-5776030-\$ or US-5779594-\$). did. or (US-5792021-\$ or US-6077191-\$ or US-6090011-\$ or US-4245723-\$ or US-4256196-\$ or US-4383703-\$ or US-4400009-\$ or US-4419909-\$ or US-4548079-\$ or US-4550372-\$ or US-4574661-\$ or US-4846316-\$ or US-4854917-\$ or US-4878400-\$ or US-5697466-\$ or US-5775453-\$ or US-5785143-\$). did.	US-PGPUB; USPAT	OR	ON	2007/03/07 10:47
S42	15	S41 and threshold	US-PGPUB; USPAT	OR	ON	2007/03/07 10:48
S43	21	S41 and (threshold or max) same torque	US-PGPUB; USPAT	OR	ON	2007/03/07 10:52
S44	12	S41 and (threshold or max) same torque same engine	US-PGPUB; USPAT	OR	ON	2007/03/07 10:57
S45	3660	S34 and (threshold or max) same torque same engine	US-PGPUB; USPAT	OR	ON	2007/03/07 10:58
S46	2937	((701/51,55,56) or (180/338) or (477/107,110,115)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/07 10:57
S47	481	S46 and (threshold or max) same torque same engine	US-PGPUB; USPAT	OR	ON	2007/03/07 10:59
S48	327	S47 and S45	US-PGPUB; USPAT	OR	ON	2007/03/07 10:58
S49	327	S48 and (threshold or max) same torque same engine	US-PGPUB; USPAT	OR	ON	2007/03/07 11:01

## EAST Search History

S50	39	S48 and (threshold or max) same torque same engine and (higher or exceed) same (threshold or max)and engine same (capabilities or abilit or spec)	US-PGPUB; USPAT	OR	ON	2007/03/07 11:36
S51	20	"5186081"	US-PGPUB; USPAT	OR	ON	2007/03/07 11:38
S52	12	S51 and (threshold or max) same torque same engine	US-PGPUB; USPAT	OR	ON	2007/03/07 11:50
S53	0	nominal same torque same engine same (exceed or surpass)near capability	US-PGPUB; USPAT	OR	ON	2007/03/07 11:43
S54	0	nominal same torque same engine same (exceed or surpass)same capability	US-PGPUB; USPAT	OR	ON	2007/03/07 11:43
S55	65	nominal same torque same engine same (exceed or surpass)	US-PGPUB; USPAT	OR	ON	2007/03/07 11:54
S56	14	S55 and S45	US-PGPUB; USPAT	OR	ON	2007/03/07 11:50
S57	5	"nominal maximum" same torque same engine same (exceed or surpass)	US-PGPUB; USPAT	OR	ON	2007/03/07 12:23
S58	2	"6735945"	US-PGPUB; USPAT	OR	ON	2007/03/07 14:48
S59	32	"5738606"	US-PGPUB; USPAT	OR	ON	2007/03/07 14:49